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| Submitted by:<br><br>General Motors Corporation | Atty. Docket No.<br>GP-303644     | Application No.<br>10/789,899 |
|   | Applicant:<br>Pinkerton et al.    | Confirmation No.<br>9311      |
|   | Filing Date:<br>February 27, 2004 | Art Unit:<br>1754             |

| U.S. PATENT DOCUMENTS |                    |         |                  |                                  |
|-----------------------|--------------------|---------|------------------|----------------------------------|
| Examiners<br>Initials | Document<br>Number | Date    | Name             | Classification<br>Class/Subclass |
|                       | 4,007,257          | 02-1977 | Lemieux et al.   | 423/646                          |
|                       | 6,015,041          | 01-2000 | Heung            | 206/70                           |
|                       | 6,159,538          | 12-2000 | Rodriguez et al. | 427/213.31                       |
|                       | 6,267,229          | 07-2001 | Heung            | 206/7                            |
|                       | 6,329,076          | 12-2001 | Kawabe et al.    | 428/656                          |
|                       | 6,342,198          | 01-2002 | Zaluska et al.   | 423/658.2                        |
|                       | 6,419,764          | 07-2002 | Kamiya et al.    | 148/422                          |
|                       | 6,432,379          | 08-2002 | Heung            | 423/648.1                        |
|                       | 6,444,361          | 09-2002 | Komori et al.    | 429/218.2                        |
|                       | 2003/0113252       | 06-2003 | Chen et al.      | 423/414                          |
|                       | 2003/0129122       | 07-2003 | Chen et al.      | 423/447.3                        |
|                       | 2003/0129126       | 07-2003 | Chen et al.      | 423/645                          |
|                       | 2004/0265222       | 12-2004 | Meisner et al.   | 423/648.1                        |
|                       | 2005/0191236       | 09-2005 | Pinkerton et al. | 423/658.2                        |
|                       | 6,946,112          | 09-2005 | Chen et al.      | 423/645                          |
|                       | 6,967,012          | 11-2005 | Meisner et al.   | 423/413                          |
|                       | 2005/0271581       | 12-2005 | Meyer et al.     | 423/658.2                        |
|                       | 2006/0057049       | 03-2006 | Pinkerton et al. | 423/284                          |
|                       | 7,029,649          | 04-2006 | Meisner et al.   | 423/658.2                        |
|                       |                    |         |                  |                                  |

| FOREIGN PATENT DOCUMENTS |                    |      |         |                                  |                         |
|--------------------------|--------------------|------|---------|----------------------------------|-------------------------|
| Examiners<br>Initials    | Document<br>Number | Date | Country | Classification<br>Class/Subclass | Translation<br>Yes   No |
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| NON-PATENT DOCUMENTS  |  |  |
|-----------------------|--|--|
| Examiners<br>Initials | Include as applicable: Author, Title, Date, Publisher, Edition/Volume, Pertinent Pages |  |
|                       | 1  | Cenzual et al., "Inorganic Structure Types with Revised Space Group", Acta Cryst., Vol. B47 (1991) 433-439.  |
|                       | 2  | Chen et al., "Hydrogen Storage in Metal Nitride Systems", Edited by Ricardo B. Schwartz, Symposium V, Materials for Energy Storage, Generation and Transport, Vol. 730 (April 2-4, 2002) 376 and 385.  |
|                       | 3  | Chen et al., "Interaction of Hydrogen with Metal Nitrides and Imides", Nature Publishing Group [Vol. 420] (November 21, 2002) 302-304 with Supplement pp. 1-6  |
|                       | 4  | Goubeau, et al., "Über ternäre Metall-Bornitride", Zeitschrift für anorganische und allgemeine Chemie, Vol. 310 (1961) 248-260.  |
|                       | 5  | Hu et al., "Ultrafast Reaction between LiH and NH <sub>3</sub> during H <sub>2</sub> Storage in Li <sub>3</sub> N"; J. Phys. Chem. A; Vol. 107, No. 46 (November 20, 2003) 9737-9739.  |
|                       | 6  | Ichikawa et al., "Mechanism of Novel Reaction for LiNH and LiH to Li <sub>2</sub> NH and H <sub>2</sub> as a Promising Hydrogen Storage System"; J. Phys. Chem. B; Vol. 108, No. 23 (May 5, 2004) 7887-7892.   |
|                       | 7  | Jacobs et al., "Preparations and Properties of Magnesium Amide and Imide", Journal for Anorganic and General Chemistry, Band [Vol.] 870 (1969) 254-261. (English translation only; original German not available).   |
|                       | 8  | JCPDS X-Ray Database; pattern no. 00-007-0245 – Li <sub>3</sub> AlN <sub>2</sub>   |
|                       | 9  | JCPDS X-Ray Database; pattern no. 00-036-1016 – β-Mg <sub>3</sub> B <sub>2</sub> N <sub>4</sub>  |
|                       | 10   | JCPDS X-Ray Database; pattern no. 00-042-0868 – Mg <sub>3</sub> BN <sub>3</sub>  |
|                       | 11   | JCPDS X-Ray Database; pattern no. 00-044-1497 – Mg <sub>3</sub> BN <sub>3</sub>  |
|                       | 12   | JCPDS X-Ray Database; pattern no. 16-273 – Li <sub>3</sub> BN <sub>2</sub>   |
|                       | 13   | JCPDS X-Ray Database; pattern no. 40-1166 – Li <sub>3</sub> BN <sub>2</sub>  |
|                       | 14   | JCPDS X-Ray Database; pattern no. 80-2274 – Li <sub>3</sub> BN <sub>2</sub>  |
|                       | 15   | Juza et al., "Die ternären Nitride Li <sub>3</sub> AlN <sub>2</sub> und Li <sub>3</sub> GaN <sub>2</sub> "; Zeitschrift für Anorganische Chemie, Vol. 257 (1948) 13-25.  |
|                       | 16   | Juza et al., "Metal amides and metal nitrides", 25 <sup>th</sup> Part, Journal for Anorganic and General Chemistry, 1951 Volume 266, 325-330. (English translation and German language document).  |
|                       | 17   | Pinkerton et al., "Hydrogen Desorption Exceeding Ten Weight Percent from the New Quaternary Hydride Li <sub>3</sub> BN <sub>2</sub> H <sub>8</sub> " ACS Publications, <a href="http://pubs.acs.org/cgi-bin/abstract.cgi/jpcbfk/2005/109/i01/abs/jp0455475.html">http://pubs.acs.org/cgi-bin/abstract.cgi/jpcbfk/2005/109/i01/abs/jp0455475.html</a> |
|                       | 18   | Pinkerton et al., "Bottling the Hydrogen Genie", The Industrial Physicist, (February/March 2004) 20-23.  |

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|                       | 19   | Villars et al., "ASM International Handbook of Ternary Alloy Phase Diagrams", Al Li N; AlLi <sub>3</sub> N <sub>2</sub> (1) Crystallographic Data (1997).   |
|                       | 20   | Villars et al., "ASM International Handbook of Ternary Alloy Phase Diagrams", B Li N; BLi <sub>3</sub> N <sub>2</sub> (LT) (2) Crystallographic Data (1997).  |
|                       | 21   | Villars et al., "ASM International Handbook of Ternary Alloy Phase Diagrams", B Li N; BLi <sub>3</sub> N <sub>2</sub> (HT) (2) Crystallographic Data (1997).  |
|                       | 22   | Villars, P., "Pearson's Handbook Desk Edition", Crystallographic Data for Intermetallic Phases, Ac - Cr <sub>2</sub> Se <sub>4</sub> Zr, Vol. 1, p. 416 (1997) 771 and 776.   |
|                       | 23   | Yamane et al., "High- and Low-Temperature Phases of Lithium Boron Nitride, Li <sub>3</sub> BN <sub>2</sub> Preparation, Phase Relation, Crystal Structure, and Ionic Conductivity", J. Solid State Chemistry, Vol. 71, (1987) 1-11. |
|                       | 24   | Yamane et al., "Structure of a New Polymorph of Lithium Boron Nitride, Li <sub>3</sub> BN <sub>2</sub> ", J. Solid State Chemistry, Vol. 65, (1986) 6-12.   |

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